

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT, GB 03/03514

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01 01465 A (MASSACHUSETTS INST TECHNOLOGY) 4 January 2001 (2001-01-04) page 28, line 2-10; examples 12-15	1-21
Y	US 2002/017642 A1 (SHIONO ICHIRO ET AL) 14 February 2002 (2002-02-14) cited in the application the whole document	1-21
Y	US 5 410 167 A (SAITO JUNJI) 25 April 1995 (1995-04-25) column 6, line 28 -column 7, line 52; figures 1,2,5	1-21
Y	US 5 238 869 A (SHICHIJO HISASHI ET AL) 24 August 1993 (1993-08-24) column 2, line 26-40; claims; figures	1-21
	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

22/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wolff, G

INTERNATIONAL SEARCH REPORT

Internat Application No
PCT, JP 03/03514

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 272 105 A (YACOBI BEN G ET AL) 21 December 1993 (1993-12-21) column 3, line 43-65; figure 2 ----	1-21
A	EP 1 052 684 A (TOYODA GOSEI KK) 15 November 2000 (2000-11-15) figures 1,3,4 ----	1-21
A	US 5 108 947 A (VAN DAELE PETER P ET AL) 28 April 1992 (1992-04-28) column 4, line 19 -column 7, line 7; figures 5,7,8 ----	1-21
A	GB 2 215 514 A (PLESSEY CO PLC) 20 September 1989 (1989-09-20) figures -----	1-21

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/03514

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0101465	A	04-01-2001	EP 1192646 A1	03-04-2002
			EP 1192647 A1	03-04-2002
			TW 484234 B	21-04-2002
			TW 449834 B	11-08-2001
			WO 0101466 A1	04-01-2001
			WO 0101465 A1	04-01-2001
			US 6352942 B1	05-03-2002
			US 6635110 B1	21-10-2003
US 2002017642	A1	14-02-2002	JP 2002118254 A	19-04-2002
			CN 1336684 A	20-02-2002
			DE 10137369 A1	25-04-2002
			TW 517284 B	11-01-2003
US 5410167	A	25-04-1995	JP 3286920 B2	27-05-2002
			JP 6029213 A	04-02-1994
			FR 2693593 A1	14-01-1994
			US 5622891 A	22-04-1997
US 5238869	A	24-08-1993	US 5959308 A	28-09-1999
			EP 0352472 A2	31-01-1990
			JP 2161718 A	21-06-1990
US 5272105	A	21-12-1993	US 5079616 A	07-01-1992
			EP 0328405 A2	16-08-1989
EP 1052684	A	15-11-2000	JP 2000323417 A	24-11-2000
			EP 1052684 A1	15-11-2000
			US 2002179005 A1	05-12-2002
			US 6645295 B1	11-11-2003
US 5108947	A	28-04-1992	EP 0380815 A1	08-08-1990
			DE 68915529 D1	30-06-1994
			DE 68915529 T2	01-12-1994
			JP 2954958 B2	27-09-1999
			JP 3114222 A	15-05-1991
GB 2215514	A	20-09-1989	NONE	